THE REALITY OF INTELLIGENT FLIGHT

Putting actionable data in the right hands at the right time

CORE FUNCTIONALITY
- Access to aircraft data and communications via the AID
- Mass storage
- Navigation logging
- GPS cross talk/tablet networking
- Tablets charging for iPad® and Windows Surface Pro tablets

ENABLED CAPABILITIES
- Performance optimization
- Real-time weather
- Aircraft printing
- Ships directory
- Aircraft health monitoring
- Conditioned base maintenance
- Flight tracking
- Aircraft data recording
- Predictive health maintenance
- Booking

OPSINSIGHT™ APPLICATIONS AND SERVICES
- Electronic flight folder
- Quick access recorder
- Cloud and communication services
- eTechLog
- Conditioned base maintenance
- Predictive health maintenance
- Flight tracking
- Aircraft data recording
- Predictive health maintenance
- Booking

To learn more, go to collinsaerospace.com

Collins Aerospace
800.870.5773 \+1.952.892.4000
collinsaerospace.com
Intelligent flight is the use of the data for tangible results – getting the right data to the right people at the right time.

**FLIGHT OPERATIONS**
- Integration potential with maintenance control
- Reduced paper document maintenance with integrated digital control
- Improved aircraft data collection and access
- Faster & easier time for maintenance

**MAINTENANCE**
- Electronic monitoring
- Electronic data entry and retrieval
- Reduced administration

**GROUND OPERATIONS**
- Tail-specific discrepancy log
- Leadfeeder app
- Ownership positioning

**IN FLIGHT**
- Increased situational awareness
- Faster & easier time for mission changes
- Real-time flight performance and discrepancy feedback

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Creating an intelligent ecosystem from plane > fleet > ground operations to collect data and drive actionable decisions.

**IT’S ALL PART OF THE CEILING AEROSPACE INTELLIGENT ECOSYSTEM**

Our intelligent aircraft ecosystem includes the suite of parts, systems and people that make our distributed services possible.

**HARDWARE**
- Aircraft Interface Device (AID)
- Tablet Interface Module (TIM)
- SmartDisplay® 7068
- ADM Lite

**APPLICATIONS**
- Electronic flight bag data
- AROM Lite
- Virtual Quick Access Recorder (QAR+ lite)
- Data repository

**SERVICES**
- Data services
- Supporting type certification (STCs)
- Petitioning
- Aircraft data management

**SECURITY**
- For hardware applications and services

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Elements of a more intelligent fleet

When it comes to intelligent aircraft, we handle data at every step in the flow – from sensing and transmitting, to intelligently applying it for operational and pre-emptive repairs. Our data-driven learnings are integrated into our engineering organization to develop modifications, upgrades and next-generation aircraft.

This increases reliability, reduces connectivity and makes air travel more convenient and comfortable for passengers.

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**Electronic flight bag (EFB) systems**

Our tablet EFB system includes the full suite of functionality of tablet devices to increase flightdeck awareness:

- Pertains continuously to flight full range of data
- Provides real-time access to an array of data tools
- Two-way secure digital communication between the aircraft and the integral EFB system
- Compatibility with a wide range of tablets and Windows®
- Encrypted connectivity to multiple on-board devices

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**TABLET EFB SYSTEM DIAGRAM**

Small, lightweight and low-power solutions (<2.5 lbs and <25 W)

- Field-installable
- ARINC 661/539 compliant
- Communications with preferred SATCOM or ACARS providers
- MIL STD 810G certified
- Qualified to ISO 10853 environments
- Solid-state Flash (SATA 3.0 GB storage permissible upgradeable)
- Backward compatible with our first-generation AID

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**FEATURES**

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